

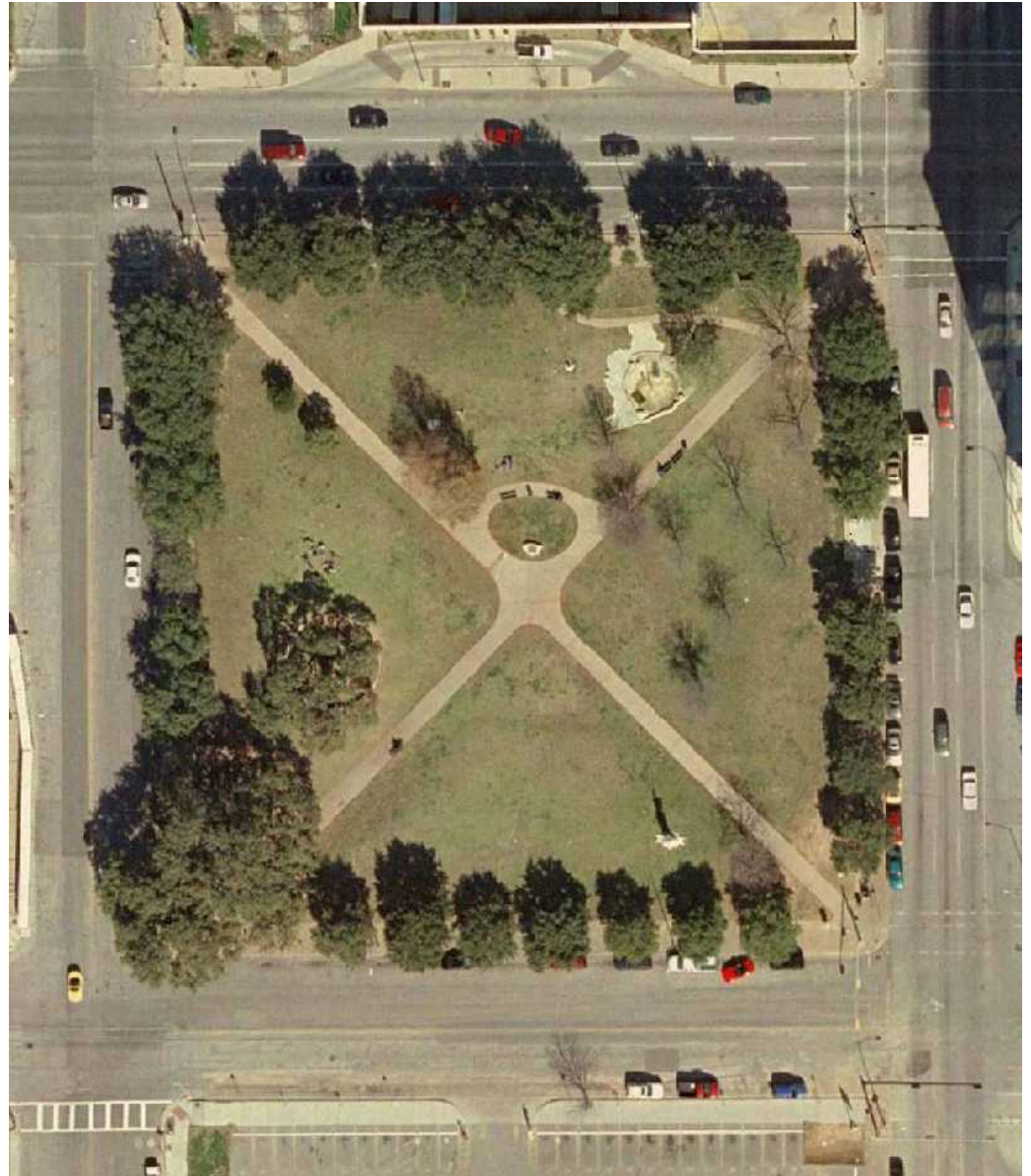
# REPUBLIC SQUARE


## Heritage Tree Best Practice Study

September 2012









**PRESERVE AND ENHANCE**

- sense of place

**HISTORIC INTERPRETATION**

- tell the story

**CREATE A HUB OF ACTIVITY**

- celebrate the shade of the great oaks, create a stage, a catalyst for growth

**REDEFINE THE SPACE**

- promote flexibility and a scale of events from 2 people meeting for lunch to 2000 watching a performance or shopping at the farmers market





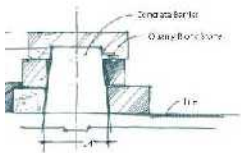
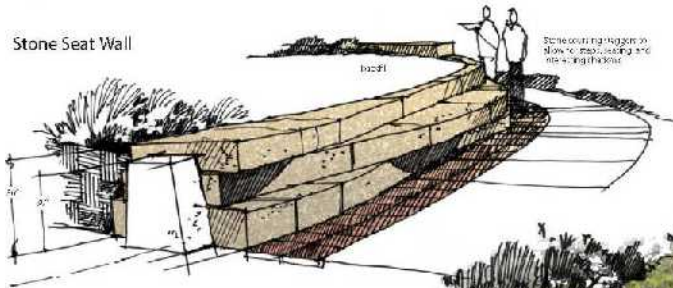








Stone Seat Wall



Wall Concept





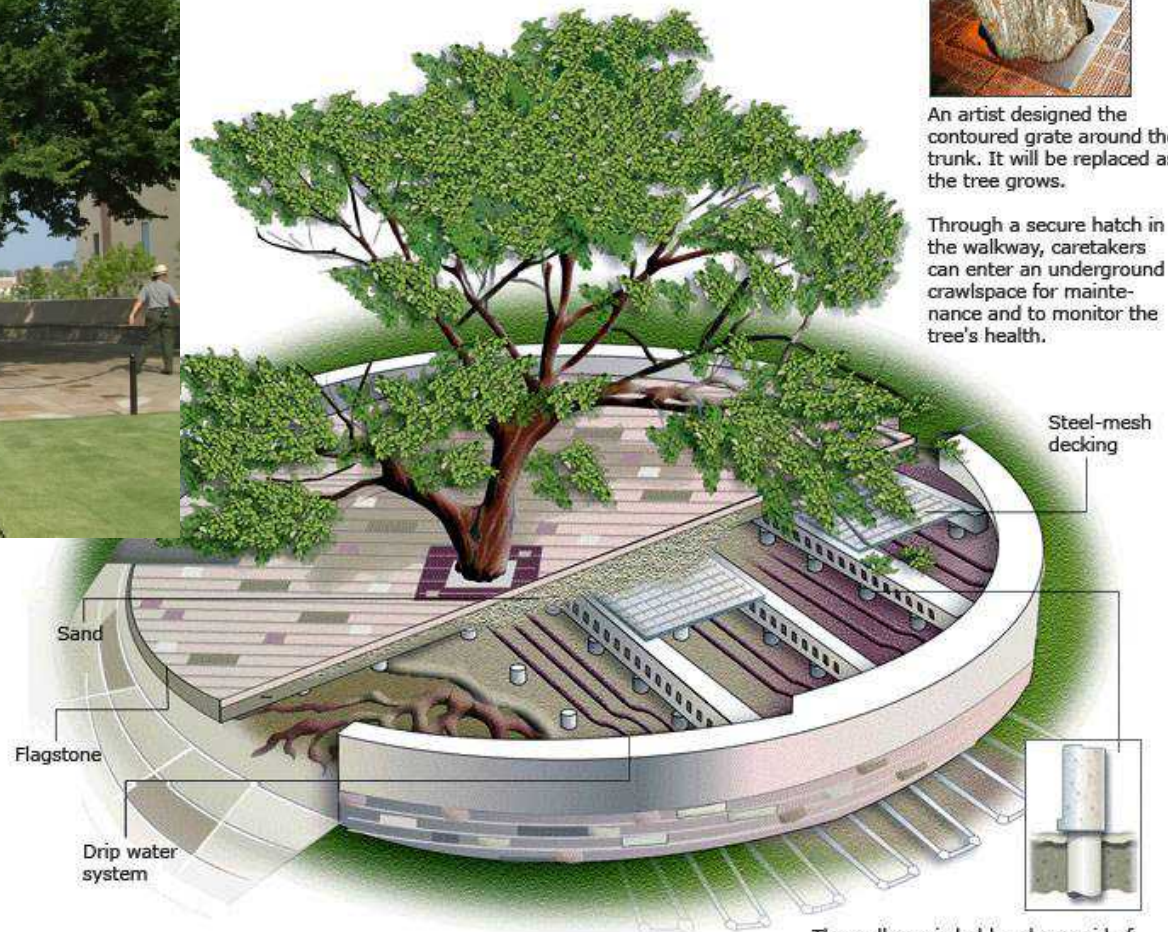
**OKLAHOMA CITY NATIONAL MEMORIAL SURVIVOR TREE**

Todd Pendleton, The Oklahoman



An artist designed the contoured grate around the trunk. It will be replaced as the tree grows.

Through a secure hatch in the walkway, caretakers can enter an underground crawlspace for maintenance and to monitor the tree's health.



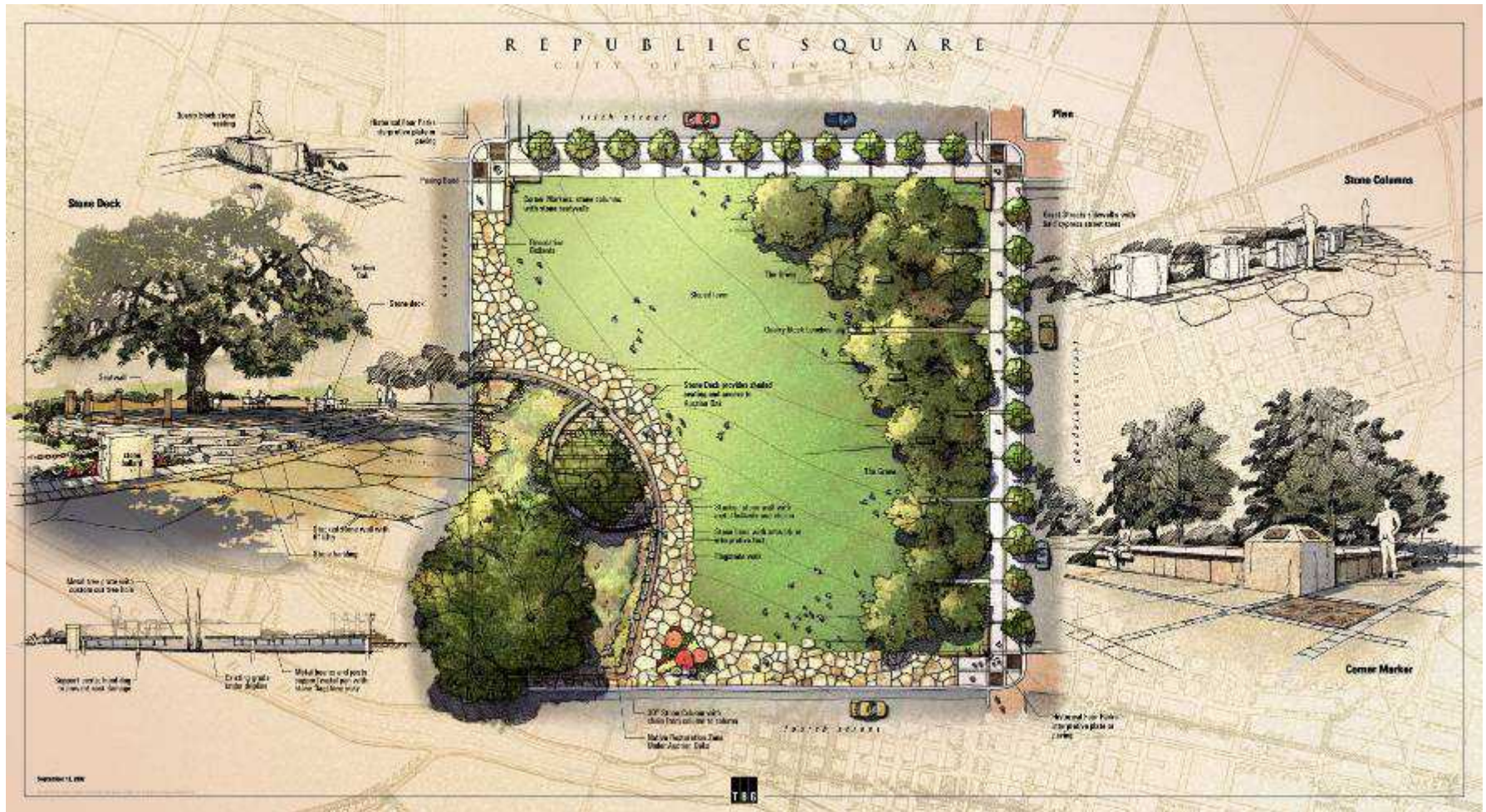
The aeration and watering system is about 3 feet deep at the original grade and extends 15 feet from the wall.

The walkway is held up by a grid of about 85 piers, some as deep as 18 feet. Crews hand dug each hole to ensure no roots were cut. One row of planned piers had to be moved because it exactly followed a root.

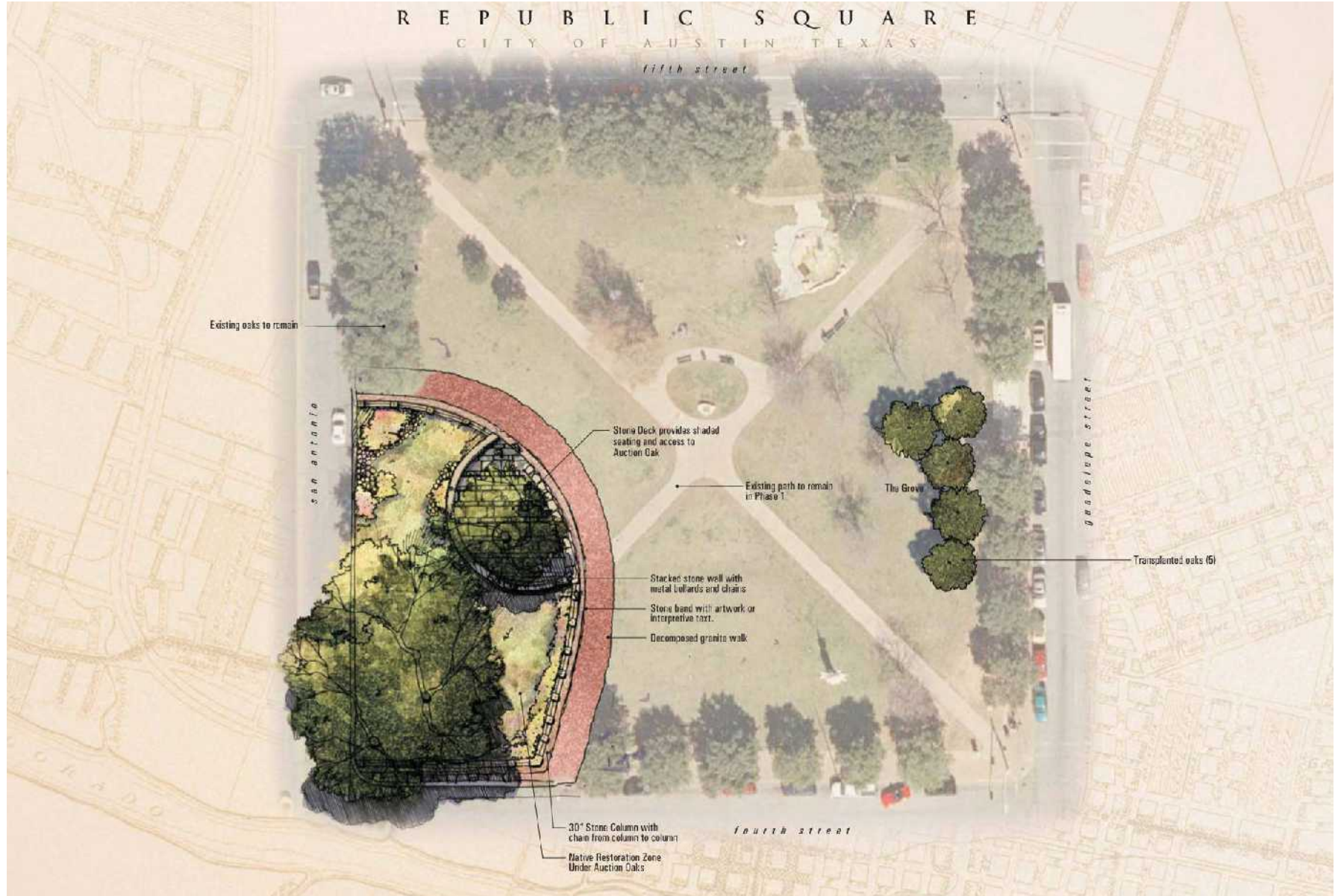




























THE PARK – phase 1. Root mapping and demolition of the existing retaining wall









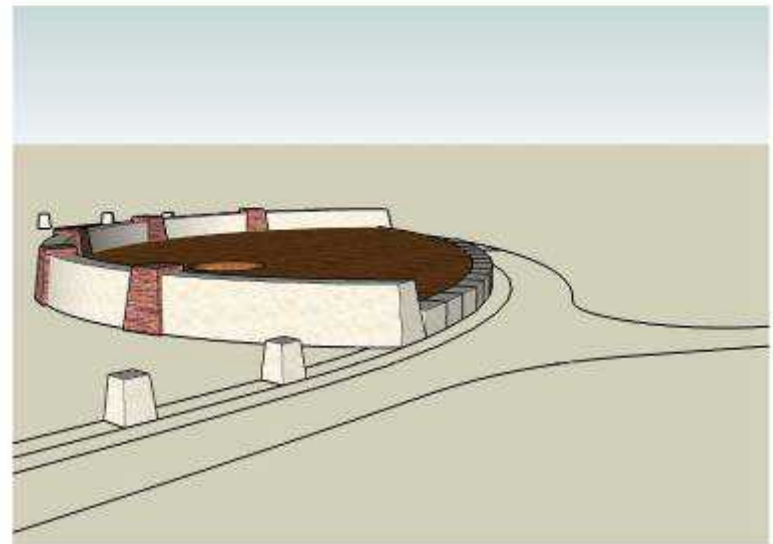
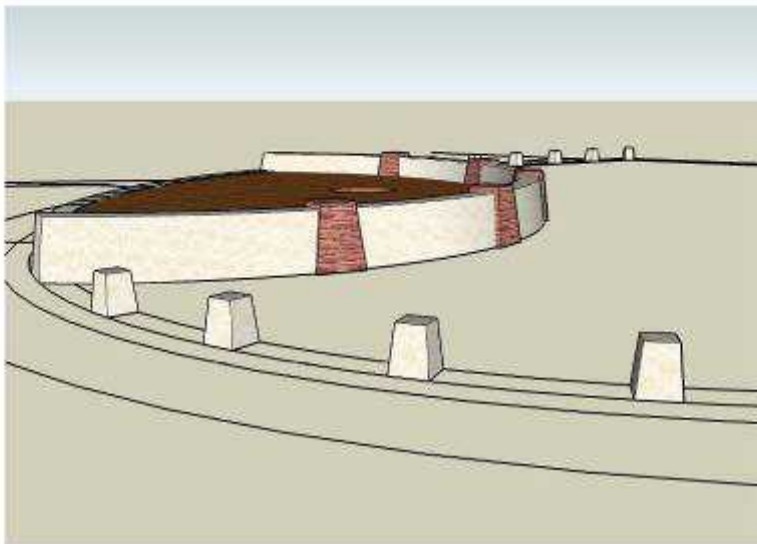
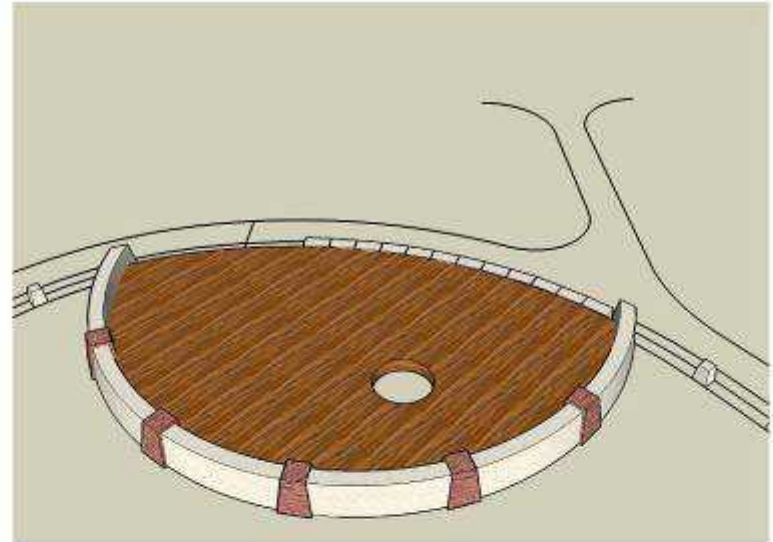
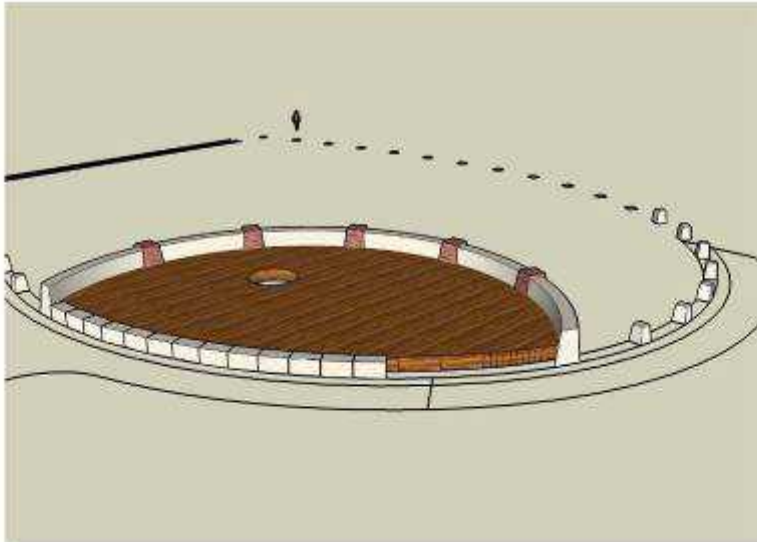










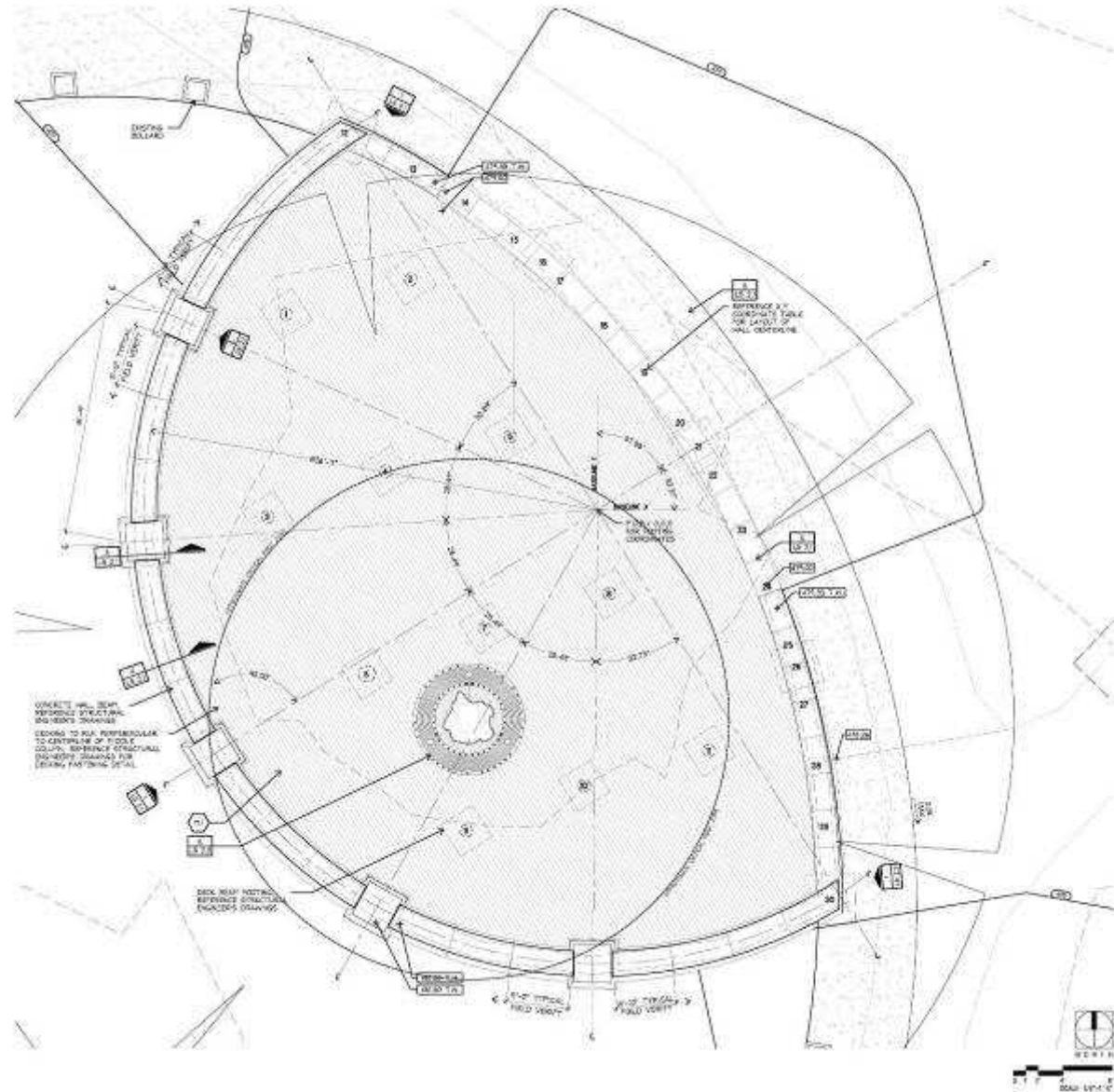




POINT	XY COORDS
1	N 26.8400 E 3.7800
2	N 18.2600 E 8.6000
3	N 25.0000 E 2.0000
4	N 17.7600 E 3.0000
5	N 18.8400 E 1.8800
6	N 18.4200 E 3.1200
7	N 18.0000 E 3.0000
8	N 17.5800 E 2.9200
9	N 17.1600 E 2.8400
10	N 16.7400 E 2.7600
11	N 16.3200 E 2.6800
12	N 15.9000 E 2.6000
13	N 15.4800 E 2.5200
14	N 15.0600 E 2.4400
15	N 14.6400 E 2.3600

POINT	XY COORDS
16	N 14.2200 E 2.2800
17	N 13.8000 E 2.2000
18	N 13.3800 E 2.1200
19	N 12.9600 E 2.0400
20	N 12.5400 E 1.9600
21	N 12.1200 E 1.8800
22	N 11.7000 E 1.8000
23	N 11.2800 E 1.7200
24	N 10.8600 E 1.6400
25	N 10.4400 E 1.5600
26	N 10.0200 E 1.4800
27	N 9.6000 E 1.4000
28	N 9.1800 E 1.3200
29	N 8.7600 E 1.2400
30	N 8.3400 E 1.1600

NOTES:  
1. CONTRACTOR TO FIELD VERIFY EXISTING DISCOMPOSED GRANTY HALL TO DETERMINE THE EXISTING GRANTY HALL TO BE RECONSTRUCTED TO MEET PROPOSED LAYOUT AND GRADING OF DECK.  
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PHASE 1b. Setting steel reinforcing and forms around roots





















PHASE 1b. Secondary Root RX treatment at the critical root zone





































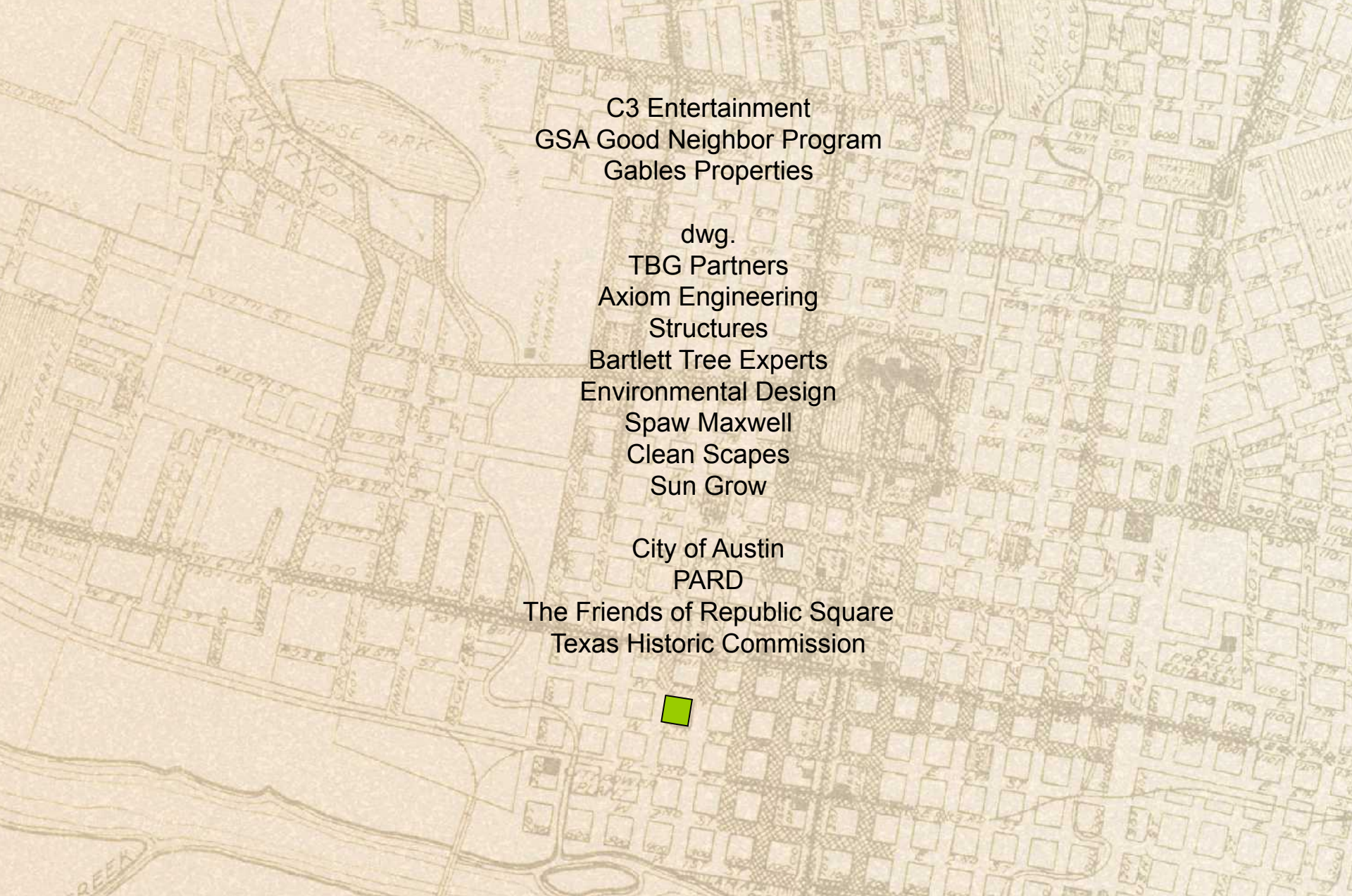












C3 Entertainment  
GSA Good Neighbor Program  
Gables Properties

dwg.  
TBG Partners  
Axiom Engineering  
Structures  
Bartlett Tree Experts  
Environmental Design  
Spaw Maxwell  
Clean Scapes  
Sun Grow

City of Austin  
PARD  
The Friends of Republic Square  
Texas Historic Commission